

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification to include the attached Figures 1-5.

Please amend the Cross-Reference to Related Applications on page 1 of the specification, as follows:

This application is a division of U.S. application 10/025,648, filed December 19, 2001, now allowed, which is a division of U.S. patent application 09/902,188, filed on July 10, 2001, now allowed, which is a continuation of U.S. patent application no. 09/354,191, now U.S. patent no. 6,297,038, filed on July 15, 1999, which is a continuation of U.S. patent application no. 08/600,656, now U.S. patent no. 6,093,562, filed on February 13, 1996, which is a continuation of application serial no. PCT/DK96/00056, filed on February 5, 1996, which claims priority under 35 U.S.C. 119 of Danish application serial nos. 0126/95, filed on February 3, 1995, 0336/95, filed on March 29, 1995, 1097/95, filed on September 29, 1995, and 1121/95, filed on October 6, 1995, the contents of which are fully incorporated herein by reference.

Please amend the paragraph on page 49, line 17, to page 50 line 7, as follows:

#7113:

GCT GCG GTG ACC TCT TTA AAA AAT AAC GGC (SEQ ID NO:8)

Y296:

CC ACC GCT ATT AGA TGC ATT GTA C (SEQ ID NO:9)

#6779:

CTT ACG TAT GCA GAC GTC GAT ATG GAT CAC CC (SEQ ID NO:10)

#6778:

G ATC CAT ATC GAC GTC TGC ATA CGT AAG ATA GTC (SEQ ID NO:11)

#3811:

TT A(C/G)G GGC AAG GCC TGG GAC TGG (SEQ ID NO:12)

#7449:

C CCA GGC CTT GCC C(C/G)T AAA TTT ATA TAT TTT GTT TTG (SEQ ID NO:13)

#3810:

G GTT TCG GTT CGA AGG ATT CAC TTC TAC CGC (SEQ ID NO:14)

#7450:

GCG GTA GAA GTG AAT CCT TCG AAC CGA AAC CAG (SEQ ID NO:15)

B1:

GGT ACT ATC GTA ACA ATG GCC GAT TGC TGA CGC TGT TAT TTG C (SEQ ID NO:16)

#6616:

P CTG TGA CTG GTG AGT ACT CAA CCA AGT C (SEQ ID NO:17)

#8573:

CTA CTT CCC AAT CCC AAG CTT TAC CTC GGA ATT TG (SEQ ID NO:18)

#8569:

CAA ATT CCG AGG TAA AGC TTG GGA TTG GGA AGT AG (SEQ ID NO:19)

#8570:

TTG AAC AAC CGT TCC ATT AAG AAG (SEQ ID NO:20)

Please amend the paragraph on page 52, lines 17 to 32, as follows:

For the construction of the pairwise deletion variant G182* + G184*, the following mutagenesis primer was used:

P CTC TGT ATC GAC TTC CCA GTC CCA AGC TTT TGT CCT GAA TTT ATA TAT TTT GTT TTG AAG (SEQ ID NO:21)

For the construction of the pairwise deletion variant R181* + T183*, the following mutagenesis primer was used:

P CTC TGT ATC GAC TTC CCA GTC CCA AGC TTT GCC TCC GAA TTT ATA TAT TTT GTT TTG AAG (SEQ ID NO:22)

For the construction of the substitution variant Y243F, the following mutagenesis primer was used:

P ATG TGT AAG CCA ATC GCG AGT AAA GCT AAA TTT TAT ATG TTT CAC TGC ATC (SEQ ID NO:23)

For the construction of the substitution variant K269R, the following mutagenesis primer was used:

P GC ACC AAG GTC ATT TCG CCA GAA TTC AGC CAC TG (SEQ ID NO:24)

For the construction of the pairwise substitution variant L351C + M430C, the following mutagenesis primers were used simultaneously:

1) P TGT CAG AAC CAA CGC GTA TGC ACA TGG TTT AAA CCA TTG (SEQ ID NO:25)

2) P ACC ACC TGG ACC ATC GCT GCA GAT GGT GGC AAG GCC TGA ATT (SEQ ID NO:26)

Please amend the paragraph on page 53, lines 21 to 22, as follows:

P GGC AAA AGT TTG ACG TGC CTC GAG AAG AGG GTC TAT (SEQ ID NO:27)

P TTG TCC CGC TTT ATT CTG GCC AAC ATA CAT CCA TTT (SEQ ID NO:28)

Please amend the paragraph on page 54, lines 10-14, as follows:

For the construction of the pairwise deletion variants R181* + D183* and R181* + G182*, it was chosen to alter the flanking amino acids in the variant D183* + G184* instead of deleting the specified amino acids in the wild type gene for SEQ ID No. 2. The following mutagenesis primer was used for the mutagenesis with pTVB114 as template:

PCC CAA TCC CAA GCT TTA CCA (T/C)CG AAC TTG TAG ATA CG (SEQ ID NO:29)

Please amend the paragraph on page 54, lines 20-23, as follows:

For the construction of G182* + G184* and R181* + G184*, the following mutagenesis primer was used with pTVB114 as template:

PCC CAA TCC CAA GCT TTA TCT C(C/G)G AAC TTG TAG ATA CG (SEQ ID NO:30)

Please amend the paragraph on page 54, lines 29-31, as follows:

For the construction of D183* + G184* + M202L the following mutagenesis primer was used:

PGA TCC ATA TCG ACG TCT GCA TAC AGT AAA TAA TC (SEQ ID NO:31)

Please amend the paragraph on page 54, lines 32-34, as follows:

For the construction of D183* + G184* + M202I the following mutagenesis primer was used:

PGA TCC ATA TCG ACG TCT GCA TAA ATT AAA TAA TC (SEQ ID NO:32)

Please delete the Sequence Listing on pages 61-74 and insert the attached Sequence Listing at the end of the specification.